

ABSTRACT OF THE DISCLOSURE

An MPTS-SPTS (Multiple Program Transport Stream - Single Program Transport Stream) separation device in a digital broadcasting system includes a receiving interface, an MPTS-SPTS separator, and a transmitting interface. The separator detects a PAT (Program Association Table) packet from among MPEG-2 MPTS packets from a digital broadcast program provider, analyzes PIDs (Program IDs) that correspond respectively to a plurality of programs in an MPEG-2 MPTS packet, receives information of a single program selected by a user, removes packets associated with programs other than the selected program, deletes from the PAT PIDs associated with the other programs, and inserts the changed PAT into a stream corresponding to the selected program.